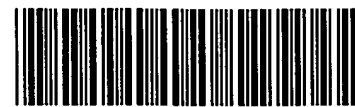


T. Saidha

Re-run



RAW SEQUENCE LISTING

DATE: 07/24/2003

PATENT APPLICATION: US/09/663,481

TIME: 15:07:50

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Output Set: N:\CRF4\07242003\I663481.raw

1 <110> APPLICANT: Pfizer Inc.
 2 Fidock, Mark D.
 3 <120> TITLE OF INVENTION: PHOSPHODIESTERASE ENZYMES
 4 <130> FILE REFERENCE: PC10350AGPR
 5 <140> CURRENT APPLICATION NUMBER: US/09/663,481
 6 <141> CURRENT FILING DATE: 2000-09-15
 7 <150> PRIOR APPLICATION NUMBER: US 60/177,326
 8 <151> PRIOR FILING DATE: 2000-01-20
 9 <150> PRIOR APPLICATION NUMBER: UK 9922125.1
 10 <151> PRIOR FILING DATE: 1999-09-17
 11 <160> NUMBER OF SEQ ID NOS: 21
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 23 Ile Glu Glu Leu Lys Lys Asn Leu Glu Tyr Thr Ala Ser Leu Leu Glu
 24 35 40 45
 25 Ala Val Tyr Ile Asp Glu Thr Arg Gln Ile Leu Asp Thr Glu Asp Glu
 26 50 55 60
 27 Leu Gln Glu Leu Arg Ser Asp Ala Val Pro Ser Glu Val Arg Asp Trp
 28 65 70 75 80
 29 Leu Ala Ser Thr Phe Thr Gln Gln Ala Arg Ala Lys Gly Arg Arg Ala
 30 85 90 95
 31 Glu Glu Lys Pro Lys Phe Arg Ser Ile Val His Ala Val Gln Ala Gly
 32 100 105 110
 33 Ile Phe Val Glu Arg Met Phe Arg Arg Thr Tyr Thr Ser Val Gly Pro
 34 115 120 125
 35 Thr Tyr Ser Thr Ala Val Leu Asn Cys Leu Lys Asn Leu Asp Leu Trp
 36 130 135 140
 37 Cys Phe Asp Val Phe Ser Leu Asn Gln Ala Ala Asp Asp His Ala Leu
 38 145 150 155 160
 39 Arg Thr Ile Val Phe Glu Leu Leu Thr Arg His Asn Leu Ile Ser Arg
 40 165 170 175
 41 Phe Lys Ile Pro Thr Val Phe Leu Met Ser Phe Leu Asp Ala Leu Glu
 42 180 185 190
 43 Thr Gly Tyr Gly Lys Tyr Lys Asn Pro Tyr His Asn Gln Ile His Ala
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DATE: 07/24/2003

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TIME: 15:07:50

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49	Ala	Ile	His	Asp	Tyr	Glu	His	Thr	Gly	Thr	Thr	Asn	Ser	Phe	His	Ile
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51	Gln	Thr	Lys	Ser	Glu	Cys	Ala	Ile	Val	Tyr	Asn	Asp	Arg	Ser	Val	Leu
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RAW SEQUENCE LISTING

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DATE: 07/24/2003

TIME: 15:07:50

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RAW SEQUENCE LISTING

DATE: 07/24/2003

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TIME: 15:07:50

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Output Set: N:\CRF4\07242003\I663481.raw

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154 35 40 45
155 Gly Glu Ile Asn Ile Glu Glu Leu Lys Lys Asn Leu Glu Tyr Thr Ala
156 50 55 60
157 Ser Leu Leu Glu Ala Val Tyr Ile Asp Glu Thr Arg Gln Ile Leu Asp
158 65 70 75 80
159 Thr Glu Asp Glu Leu Gln Glu Leu Arg Ser Asp Ala Val Pro Ser Glu
160 85 90 95
161 Val Arg Asp Trp Leu Ala Ser Thr Phe Thr Gln Gln Ala Arg Ala Lys
162 100 105 110
163 Gly Arg Arg Ala Glu Glu Lys Pro Lys Phe Arg Ser Ile Val His Ala
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166 130 135 140
167 Ser Val Gly Pro Thr Tyr Ser Thr Ala Val Leu Asn Cys Leu Lys Asn
168 145 150 155 160
169 Leu Asp Leu Trp Cys Phe Asp Val Phe Ser Leu Asn Gln Ala Ala Asp
170 165 170 175
171 Asp His Ala Leu Arg Thr Ile Val Phe Glu Leu Leu Thr Arg His Asn
172 180 185 190
173 Leu Ile Ser Arg Phe Lys Ile Pro Thr Val Phe Leu Met Ser Phe Leu
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176 210 215 220
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178 225 230 235 240
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184 275 280 285
185 Arg Ser Val Leu Glu Asn His His Ile Ser Ser Val Phe Arg Leu Met
186 290 295 300
187 Gln Asp Asp Glu Met Asn Ile Phe Ile Asn Leu Thr Lys Asp Glu Phe
188 305 310 315 320
189 Val Glu Leu Arg Ala Leu Val Ile Glu Met Val Leu Ala Thr Asp Met
190 325 330 335
191 Ser Cys His Phe Gln Gln Val Lys Thr Met Lys Thr Ala Leu Gln Gln
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RAW SEQUENCE LISTING

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201	Val	Ala	Gln	Ser	Gln	Ile	Gly
202			420			425	
203	Phe	Ser	Val	Leu	Thr	Asp	Val
204			435			440	
205	Asp	Glu	Asp	Ser	Lys	Ser	Lys
206			450			455	
207	Pro	Ser	Leu	Asp	Val	Glu	Val
208			465			470	
209	Phe	Arg	Ser	Thr	Trp	Val	Lys
210				485		490	
211	Lys	Glu	Arg	Ala	Ala	Ser	Gly
212				500		505	
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226	taagcttcgg	tctctgctgc	gctacatggt	gaagcagttg	gagaatgggg	agataaacat	240
227	tgaggagctg	aagaaaaatc	tggagtacac	agcttctctg	ctggaagccg	tctacataga	300
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/663,481

DATE: 07/24/2003
TIME: 15:07:51

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Output Set: N:\CRF4\07242003\I663481.raw

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Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:14,15,16,17,18,19,20,21

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/663,481

DATE: 07/24/2003

TIME: 15:07:51

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